

ABSTRACT

The intelligent mobile unit system is an all-in-one device that has the intelligence to determine if a new transmission of the current status is warranted based upon a change of status of the mobile unit since the last status transmission. Since the mobile unit has the intelligence to broadcast its status when necessary, a host system that receives the status updates knows the relevant current status at all times. Consequently, the host system can provide the mobile unit status to all inquiries without requesting an update from the mobile unit.